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NPIC/R-1132/64

March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
GOLDEN TREE MISSION 3852
4 MARCH 1964

Declass Review by
NIMA/DOD

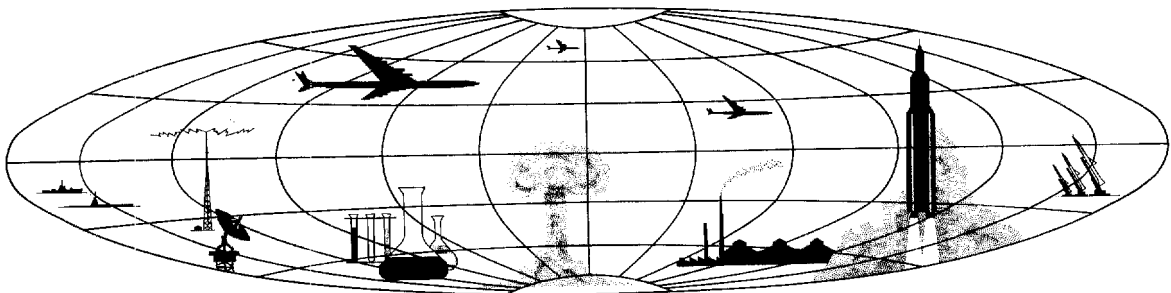


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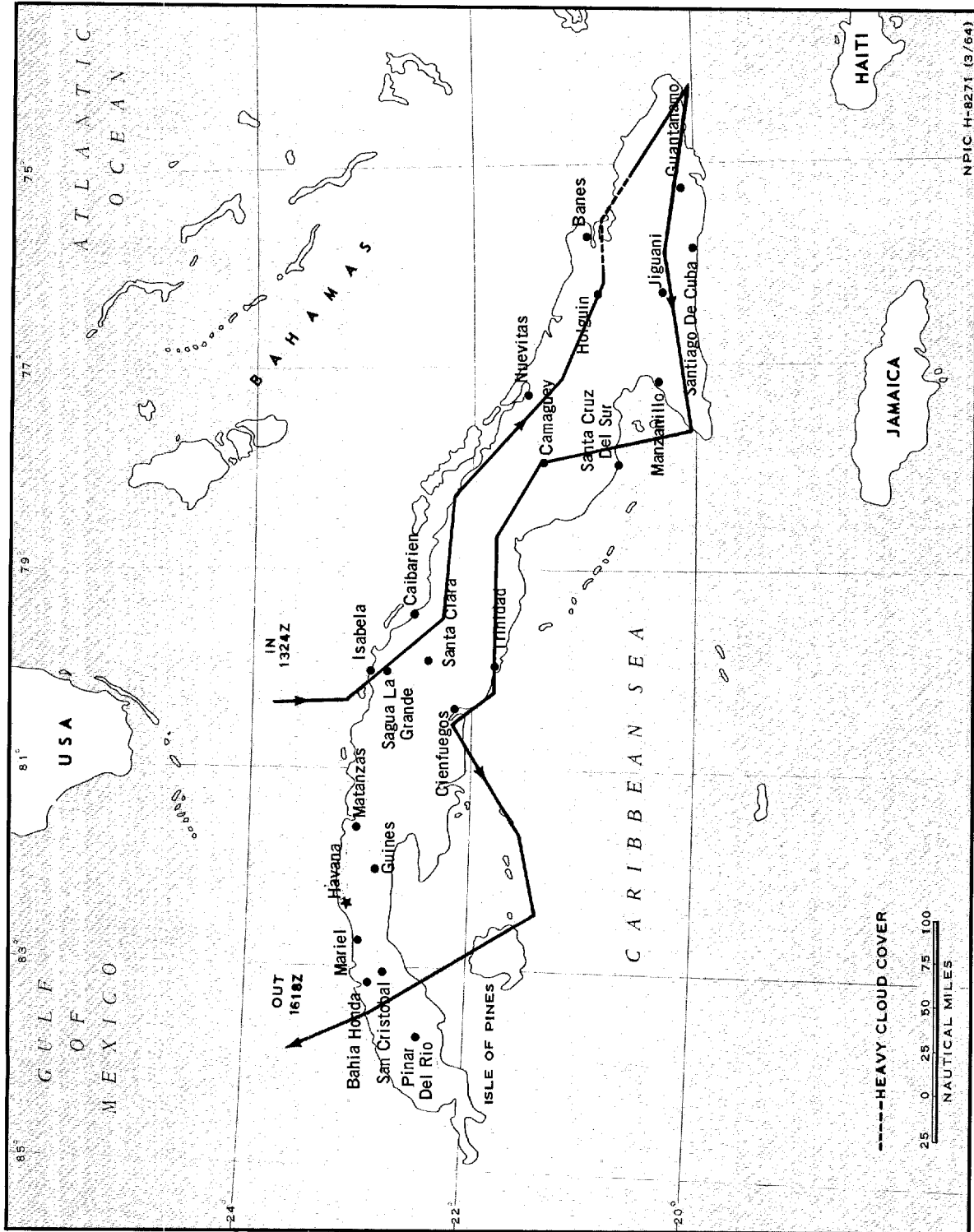
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3852, DATED 4 MAR 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 3852, 4 MARCH 1963

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MISSILES

SAGUA LA GRANDE MRBM SITE 1 2244N 08002W

SITE ABANDONED.
NO ACTIVITY OBSERVED.

[REDACTED]

CIENFUEGOS SAM SITE 2202N 08024W

SIX UNREVIEWED LAUNCHERS (AT LEAST 3 WITH MISSILES), ONE PROBABLE MISSILE ON DOLLIE, 13 MISSILE TRANSPORTERS (3 CANVAS-COVERED), ONE PROBABLE CANVAS-COVERED MISSILE TRANSPORTER, 3 CANVAS-COVERED HOLD AREAS, AT LEAST 14 TRACKED PRIME MOVERS, 3 CARGO TRUCKS, 3 UTILITY TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 OTHER VEHICLES, 2 CARGO TRAILERS, ONE VAN TRAILER AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT. FACILITIES INCLUDE 8 BUILDINGS, ONE PROBABLE MISSILE-ASSEMBLY TENT, ONE LARGE NON-SOVIET TENT AND 3 CANVAS-COVERED AREAS. FIVE PROBABLE VEHICLE PARKING AREAS ARE BEING CONSTRUCTED WITH A BASE OF LIMESTONE OR CORAL.

[REDACTED]

SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX REVIEWED LAUNCHERS (3 CANVAS-COVERED), ONE CANVAS-COVERED HOLD AREA, AND A GUIDANCE REVETMENT WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

[REDACTED]

SANTIAGO DE CUBA SAM SITE 1959N 07550W

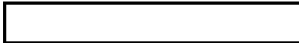
SIX UNREVIEWED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS (2 ADJACENT TO LAUNCHERS AND ONE ON RING ROAD), ONE TRUCK-MOUNTED CRANE, 6 OTHER VEHICLES, 8 UNIDENTIFIED PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

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25X1



SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

25X1



25X1

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

25X1

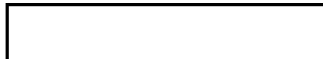
NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE



MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS (3 WITH MISSILES), 2 MISSILE TRANSPORTERS WITH UNCOVERED MISSILES ADJACENT TO LAUNCHERS, APPROXIMATELY 13 TRACKED PRIME MOVERS, 9 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1



CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNRETTED LAUNCHERS (3 WITH MISSILES), 6 CANVAS-COVERED MISSILE TRANSPORTERS (ONE ON RING ROAD), ONE ADDITIONAL LAUNCHER PARKED IN SUPPORT AREA, 8 CANVAS-COVERED TRACKED PRIME MOVERS, 8 CARGO TRUCKS, 2 VAN TRUCKS, 5 OTHER VEHICLES, 7 PROBABLE VAN TRAILERS, AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1



HOLGUIN SAM SITE 2052N 07627W

SIX UNRETTED LAUNCHERS (5 CANVAS-COVERED), 7

25X1



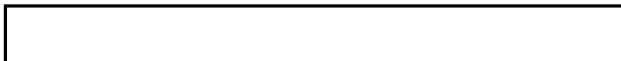
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MISSILE TRANSPORTERS (4 CANVAS-COVERED), 15 TRACKED PRIME MOVERS, APPROXIMATELY 10 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

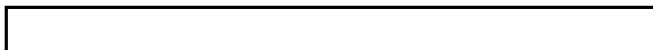


AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 12 FAGOT/FRESCO AND 4 HOUND OBSERVED IN CLOUD-FREE AREAS.

25X1



CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- 2 COLT OBSERVED IN CLOUD-FREE AREAS.

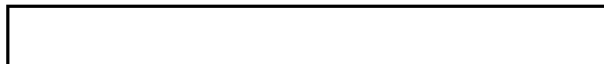
25X1



HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 11 FAGOT/FRESCO, 8 HOUND, ONE LIAISON, AND ONE HARE OBSERVED IN CLOUD-FREE AREAS.

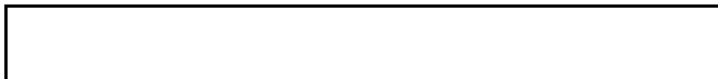
25X1



ANTONIO MACED AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, 2 C-47, 4 LIAISON, AND ONE HOUND.

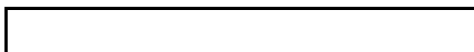
25X1



COLONEL MARTIN MARRERRO AIRFIELD 2150N 08246W

NO AIRCRAFT OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1



25X1



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BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- 7 COLT AND ONE LIAISON.

25X1

CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- 2 POSSIBLE HOUND.

25X1

NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- ONE PROBABLE P-6 MTB AND 2 PROBABLE YP.

25X1

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, 6 P-6 MTB
(2 ON MARINE RAILWAY AND 4 AT SEA), ONE YP, 3
LARGE FREIGHTERS, AND ONE LARGE TANKER.

25X1

MANZANILLO PORT 2021N 07707W

VESSELS -- ONE LARGE FREIGHTER WITH AT LEAST
3 LIGHTERS ALONGSIDE.

25X1

SANTIAGO DE CUBA PORT AND NAVAL BASE 2001N 07550W

VESSELS -- ONE LARGE TANKER AND 2 SMALL FREIGHTERS.

25X1

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25X1

NUEVITAS PORT 2132N 07715W

VESSELS -- ONE LARGE FREIGHTER OBSERVED
IN CLOUD-FREE AREAS.

25X1

NUEVA GERONA PORT 2153N 08248W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1

LA ISABELA PORT 2256N 08000W

NO LARGE VESSELS OBSERVED.

25X1

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1

BAHIA HONDA PORT 2255N 08310W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1

MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED.

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CAMAGUEY MILITARY CAMP COUNTRY CLUB 2121N 07751W

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FACILITIES INCLUDE 9 BARRACKS-TYPE BUILDINGS, 11 SUPPORT BUILDINGS, 25 LARGE TENTS (12 NON-SOVIET), ONE MEDIUM TENT, 4 SMALL TENTS, AND 7 SMALL POL STORAGE TANKS. THIRTY VAN TRUCKS, 6 CARGO TRUCKS, 12 OTHER VEHICLES, ONE VAN TRAILER, 3 TOWN-TYPE RADAR, AND ONE FLATFACE RADAR OBSERVED. ONE RADAR REVETMENT REMAINS ABANDONED.

25X1

OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE

25X1

SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-TWO PROBABLE TANKS/SP GUNS OBSERVED.

25X1

CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.
THIRTY-SEVEN CARGO TRUCKS, 15 OTHER VEHICLES, 28 FA
PIECES, AND 16 MORTARS OBSERVED.

25X1

SANTA FE MILITARY CAMP LUMUMBA 2142N 08249W

NO APPARENT CHANGE IN FACILITIES.
EIGHT CARGO TRUCKS, ONE CARGO TRAILER, AND 3 PROBABLE
FA PIECES OBSERVED. IN ADDITION, A CONVOY CONSISTING
OF 5 CARGO TRUCKS, ONE OTHER VEHICLE AND 2 PROBABLE
MORTARS WAS OBSERVED ON THE MAIN ROAD ADJACENT TO THE
BARRACKS AREA.

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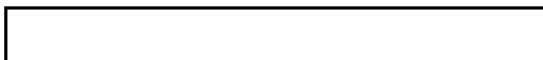
25X1



JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
SEVENTEEN CARGO TRUCKS AND 16 FA PIECES OBSERVED.

25X1



HOLGUIN MILITARY CAMP NW 2057N 07616W

TWELVE POSSIBLE TANKS/SP GUNS OBSERVED IN
CLOUD-FREE AREAS.

25X1



LA JUTIA MILITARY INSTALLATION 2154N 08015W

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN CARGO TRUCKS OBSERVED.

25X1



TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

EIGHT PROBABLE CARGO TRUCKS, AND 8 PROBABLE
FA PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1



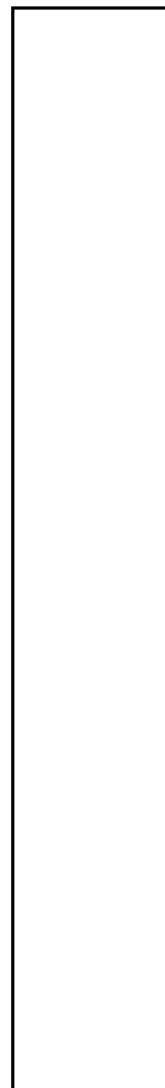
ANTON RECIO MILITARY INSTALLATION 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE TANKS/SP GUNS, ONE PROBABLE BRDM APC,
4 CARGO TRUCKS, AND ONE OTHER VEHICLE OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED. SIX CARGO
TRUCKS OBSERVED ADJACENT TO SITE.

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DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W



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JAGUA MILITARY AREA 2205N 08029W

NO APPARENT CHANGE IN FACILITIES.
EIGHTEEN CARGO TRUCKS OBSERVED.



25X1

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

SAN CRISTOBAL MRBM SITE 3	2242N 08308W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
SIGUANEA AIRFIELD	2138N 08257W
JAIME GONZALES AIRFIELD	2209N 08024W
TRINIDAD AIRFIELD	2147N 07959W
PUNTA ALEGRE PORT	2223N 07846W
CAIBARIEN PORT	2231N 07928W
JUCARO PORT	2137N 07851W
EL CRISTO MILITARY INSTALLATION	2008N 07547W
CAYO LARGO MILITARY AREA	2137N 08133W
SANTA ISABEL FINCA MILITARY CAMP	2005N 07528W
CAMAGUEY MILITARY INSTALLATION	2117N 07800W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W

25X1

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SIGUANEA SAM SITE	2137N 08257W
CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
SANTA CLARA SAM SITE	2229N 08000W
NUEVITAS SAM SITE 2	2132N 07717W
SIGUANEA CRUISE-MISSILE SITE	2137N 08258W
BANES CRUISE-MISSILE SITE	2058N 07538W
MAYARI ARriba CRUISE MISSILE ACTIVITY	2027N 07531W
MATANZAS PORT	2302N 08134W
LA COLOMA PORT	2214N 08334W
PUERTO PADRE PORT	2113N 07632W
MANZANILLO MILITARY CAMP	2017N 07707W
HOLGUIN MILITARY CAMP	2053N 07613W
REMEDIOS MILITARY AREA	2227N 07935W

MINAS MILITARY CAMP	2127N 07734W
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SANTA CLARA AREA ARTILLERY TRAINING AREA	2222N 08000W
LA VEGUITA MILITARY CAMP	2049N 07615W
BARAJAGUA STORAGE DEPOT	2208N 08004W
SANTA CLARA MILITARY CAMP CUBANACAN	2224N 07952W
MANICARAGUA STORAGE AREA	2206N 07958W

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